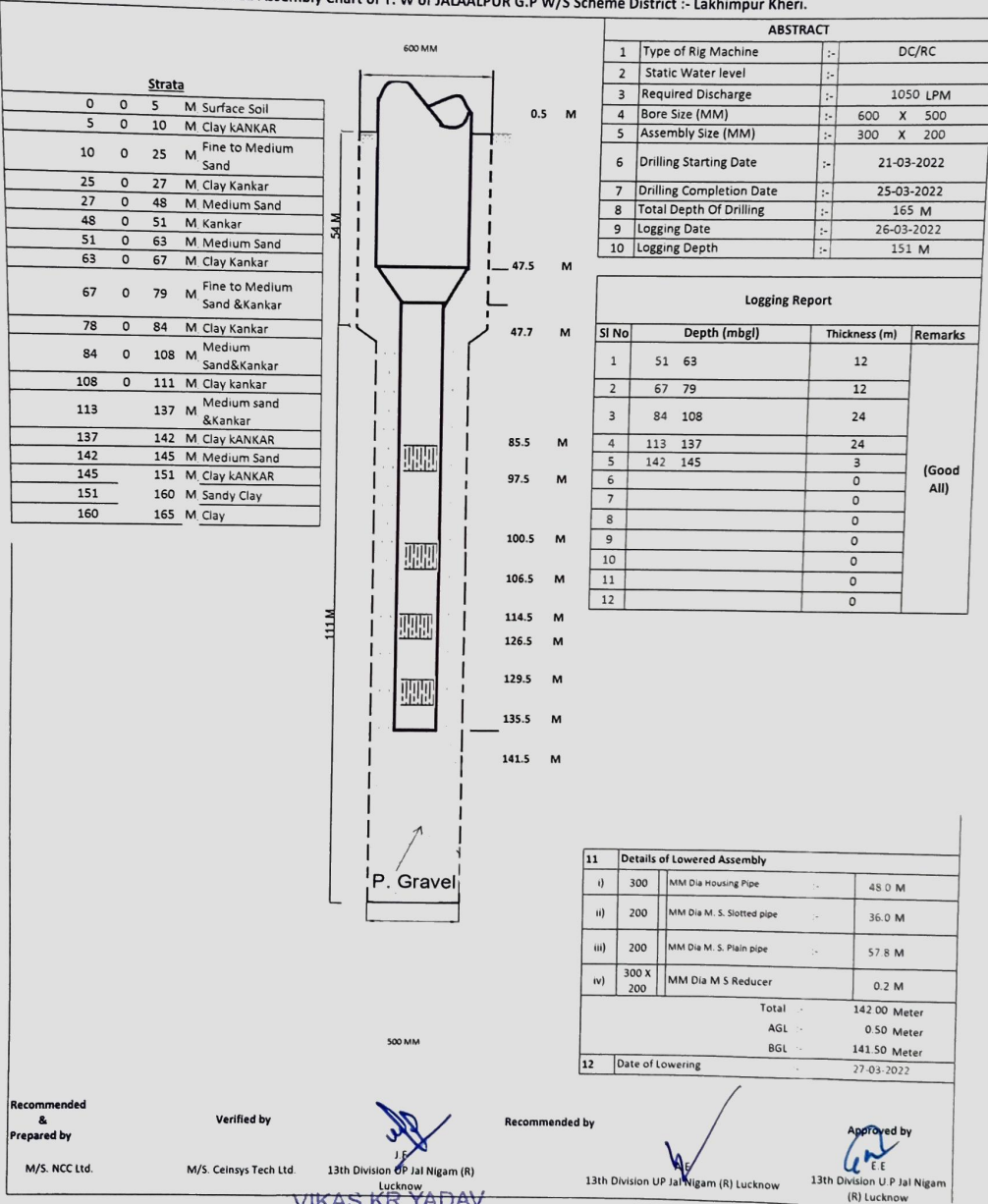


**Completion Plan Of Tubewell**

Name Of Work :- Construction of T. W. of G.P. JALALPUR, Block- Bankey Ganj, District, Lakhimpur Kheri.  
 Name Of Program :- J. J. M-2  
 Name of client :- S.W.S.M. & U.P. JAL NIGAM ( R )  
 Name Of Contractor :- M/S NCC Limited  
 Name Of TPI :- Ceinsys Tech Limited  
 Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021  
 Cover Agreement :- 585/ED/Phase-2/2022-23/XV, Dt. 20.03.2023

Lowered Assembly Chart of T. W of JALALPUR G.P W/S Scheme District :- Lakhimpur Kheri.



Recommended & Prepared by

M/S. NCC Ltd.

Verified by

M/S. Ceinsys Tech Ltd.

13th Division OP Jal Nigam (R) Lucknow

**VIKAS KR. YADAV**  
 JUNIOR ENGINEER  
 DIVISIONAL OFFICE (E&M)  
 U.P. JAL NIGAM (R)  
 LUCKNOW

Recommended by

13th Division UP Jal Nigam (R) Lucknow

**Vinod Kumar**  
 Assistant Engineer  
 Divisional officer (E&M)  
 U.P. Jal Nigam (R)  
 Lucknow

Approved by

13th Division U P Jal Nigam (R) Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JALALPUR, BLOCK- BANKEYGANJ, DISTT- LAKHIMPUR KHIRI  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 165 mtrs depth and Logged depth 151 mtrs at above site. Was drilled by M/s NCC, Lakhimpur Khiri

On the request of M/s NCC, Lakhimpur Khiri a Geophysical well Logging in the above bore hole using IGIS Well Logger on 26 Mar 2023

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 20.83 Ohms

Drilling Water Resistivity = 21.41 Ohms

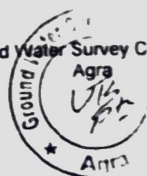
Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 25	15	Fine to Medium sand	Good
4.	25 - 27	2	Clay kankar	
5.	27 - 48	21	Medium sand	Good
6.	48 - 51	3	Kankar	
7.	51 - 63*	12	Medium sand	Good
8.	63 - 67	4	Clay kankar	
9.	67 - 79	12	Fine to Medium sand	Good
10.	79 - 84	5	Clay kankar	
11.	84 - 108*	24	Medium sand & kankar	Good
12.	108 - 111	3	Clay kankar	
13.	111 - 137*	26	Medium sand & kankar	Good
14.	137 - 142	5	Clay kankar	
15.	142 - 145*	3	Medium sand	Good
16.	145 - 151	6	Clay kankar	

Sr W 013 - 113-137  
(24m)

GSh  
28/03/23

Ground Water Survey Consultancy



- Logging performed as per  
ISRM guidelines.  
- Groundwater quality  
interpreted by firm as  
per their logger  
calibration